

# **PROGRAMMING III**

**CST328-2**

## **ONLINE BOOK SHOP SPRING MVC PROJECT**

**UWU/CST/17/054**

**FACULTY OF APPLIED SCIENCES**

**DEPARTMENT OF COMPUTER SCIENCE AND INFORMATICS**

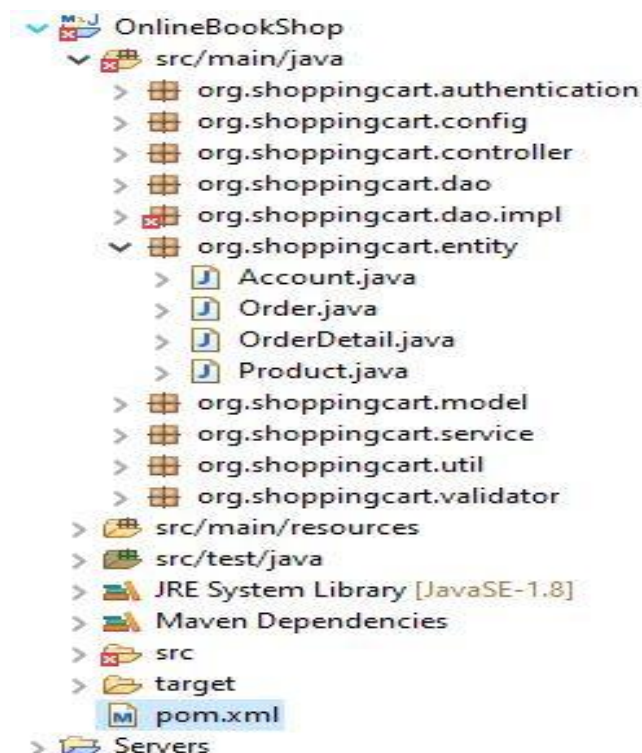
## Project Description

Online Book shop is an online web application where the customer can purchase books online. There are two user roles. They can login the website as Manager or Customer. The Manager will have additional functionalities when compared to the common user. He can add, delete and update the book details and Maintain the book list. Customer can order a book online based on book code, subject and price. After order the book customer can fill the customer details. Then its provide customer order no and confirmation details. Customer and manager can view the order details.

## Requirements

- Spring MVC 5.1.7
- Hibernate 5.4.3
- Database: MySQL 5.1.47
- Apache Tomcat v9 Server
- JSP -2.2
- JSTL- 1.2
- IDE-Eclipse
- Maven-1.8

## Project Structure



# Interfaces of System

## Homepage



## Login page: (Login as manager or Employee)

The screenshot shows the login page of the 'Online Book Shop'. The header is dark grey with the site name 'Online Book Shop' in white and a 'Login' link. Below the header is a navigation bar with links for 'Home', 'Book List', and 'My Cart'. The main content area is titled 'Login (For Employee, Manager)' and contains a form with the heading 'Enter username and password'. The form has two input fields: 'Username \*' with the value 'manager' and 'Password \*' with masked characters. Below the fields are 'Login' and 'Reset' buttons.

Online Book Shop [Login](#)

[Home](#) | [Book List](#) | [My Cart](#) |

Login (For Employee, Manager)

Enter username and password

Username \*

Password \*


## Book List Page:

# Online Book Shop


Hello [manager](#) | [Logout](#)

[Home](#) | [Book List](#) | [My Cart](#) | [Order List](#) | [Add New Book](#)

### Book List



Code:B005  
Name:Python Programming  
Price:\$3,000.00  
[Buy Now](#)  
[Edit Product](#)




Code:B004  
Name:C++ Programming  
Price:\$2,000.00  
[Buy Now](#)  
[Edit Product](#)



Code:B003  
Name:C Programming  
Price:\$1.00  
[Buy Now](#)  
[Edit Product](#)



Code:B002  
Name:Spring Boot  
Price:\$500.00  
[Buy Now](#)  
[Edit Product](#)



Code:B001  
Name:Java Projects  
Price:\$1,000.00  
[Buy Now](#)  
[Edit Product](#)

[1](#) [2](#)

## Order List page

# Online Book Shop

Hello [manager](#) | [Logout](#)

[Home](#) | [Book List](#) | [My Cart](#) | [Order List](#) | [Add New Book](#)

### Order List

Total Order Count: 12

Order Number	Order Date	Customer Name	Customer Address	Customer Email	Amount	View
12	19-01-2021 23:23	thanu	colombo	ashindu2107@gmail.com	6,000	<a href="#">View</a>
11	11-01-2021 15:22	Thusha	Jaffna	thusha@gmail.com	2,000	<a href="#">View</a>
10	11-01-2021 15:20	shindujah Arudchelvan	jaffna	ashindu2107@gmail.com	6,000	<a href="#">View</a>
9	10-01-2021 22:55	shindujah Arudchelvan	jaffna	ashindu2107@gmail.com	7,000	<a href="#">View</a>
8	10-01-2021 22:47	Sukanya	Jaffna	suguan2107@gmail.com	6,000	<a href="#">View</a>

[1](#) [2](#) [3](#)


My Cart: Customer can update the quantity of the books. then subtotal will be calculated according to the quantity

# Online Book Shop

Hello [manager](#) | [Logout](#)

[Home](#) | [Book List](#) | [My Cart](#) | [Order List](#) | [Add New Book](#) |

My Cart



Code: B005  
Name: Python Programming  
Price: **\$3,000.00**  
Quantity:   
Subtotal: **\$3,000.00**  
[Delete](#)

[Update Quantity](#) [Enter Customer Info](#) [Continue Buy](#)

Add new Book: Manager only Add new books

# Online Book Shop

Hello [manager](#) | [Logout](#)

[Home](#) | [Book List](#) | [My Cart](#) | [Order List](#) | [Add New Book](#) |


Product

Code \*

Name \*

Price \*

Image



Upload Image

No file chosen

Confirmation Page: After order the book customer can see the Confirmation detail(Customer Information, Book details, cart Summary)

**Online Book Shop**  Hello [manager](#) | [Logout](#)

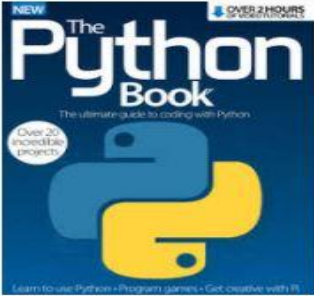
[Home](#) | [Book List](#) | [My Cart](#) | [Order List](#) | [Add New Book](#) |

Confirmation

**Customer Information:**  
Name: Thenuja  
Email: [thenu21@gmail.com](mailto:thenu21@gmail.com)  
Phone: 0743456777  
Address: Trincomalee

**Cart Summary:**  
Quantity: 5  
Total: **\$15,000.00**

[Edit Cart](#) | [Edit Customer Info](#) |



Name: B005  
Price: **\$3,000.00**  
Quantity: 5  
Subtotal: **\$15,000.00**

Edit Books: Manager only can edit the book details.

**Online Book Shop**  Hello [manager](#) | [Logout](#)


[Home](#) | [Book List](#) | [My Cart](#) | [Order List](#) | [Add New Book](#) |

Product

Code \* **B004**

Name \*

Price \*

Image 

Upload Image  No file chosen



## Add Customer Information

**Online Book Shop**Hello [manager](#) | [Logout](#)

[Home](#) | [Book List](#) | [My Cart](#) | [Order List](#) | [Add New Book](#) |

Enter Customer Information

Name \*

Email \*

Phone \*

Address \*

Submit

Reset

## User Profile

**Online Book Shop**Hello [manager](#) | [Logout](#)

[Home](#) | [Book List](#) | [My Cart](#) | [Order List](#) | [Add New Book](#) |

Account Info

User Name: manager

Role:

ROLE\_MANAGER

